

09-17-03

CASE 4-100-8345F



FILING BY "EXPRESS MAIL" UNDER 37 CFR 1.10

EL98758746205
Express Mail Label Number

September 16, 2003
Date of Deposit

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF
FUENFSCHILLING ET AL.
APPLICATION NO: 10/625,142
FILED: JULY 23, 2003
FOR: PURIFICATION PROCESS

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

Applicants wish to make of record the references cited on attached forms PTO-892 (3 sheets) and PTO-1449 (4 sheets), which are copied from patent applications 09/271,672 and 09/652,295, both abandoned, and 10/021,117, allowed. Since the references are available in the file wrappers of said parent applications, copies are not enclosed.

The Examiner is requested to consider the foregoing information in relation to this application and indicate that each reference was considered by returning a copy of the initialed PTO 1449 form(s).

Respectfully submitted,

Novartis
Corporate Intellectual Property
One Health Plaza, Building 430
East Hanover, NJ 07936-1080


Gabriel Lopez
Attorney for Applicants
Reg. No. 28,440
(862) 778-7882

Date: September 16, 2003

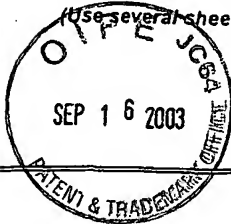
FORM PTO-1449
(REV. 7-85)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

Sheet 1 of 2

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)



ATTY. DOCKET NO.
100-8345/A/CONT
APPLICATION NO.
09/271,672
APPLICANT
FUENFSCHILLING ET AL.
FILING DATE
March 18, 1999

Group
1611

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	AA	3,503,950	3/31/70	Li	260	112	
	AB	3,671,647	6/20/72	Argoudelis et al.	260	210R	
	AC	3,743,633	7/3/73	Goerlich et al.	260	210.5	
	AD	3,804,594	4/16/74	Orjans et al.	23	270.5	
	AE	4,016,258	4/5/77	Said et al.	424	177	
	AF	4,203,956	5/20/80	Schröter et al.	423	321	
	AG	4,271,128	6/2/81	Schrödter et al.	422	189	
	AH	4,328,214	5/4/82	Rink et al.	424	177	
	AI	4,753,734	6/28/88	Ito	210	657	
	AJ	4,913,814	4/3/90	Singh et al.	210	512.2	
	AK	4,954,260	9/4/90	Ludmer et al.	210	634	
	AL	5,709,797	1/98	Bocchiola	210	635	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	OFFICE	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AM	0637123 A5	7/15/83	Switzerland			<input type="checkbox"/>	<input type="checkbox"/>
	AN	1257866	12/22/71	Great Britain			<input type="checkbox"/>	<input type="checkbox"/>
	AO						<input type="checkbox"/>	<input type="checkbox"/>
	AP						<input type="checkbox"/>	<input type="checkbox"/>
	AQ						<input type="checkbox"/>	<input type="checkbox"/>

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

	AR	
	AS	
	AT	

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial of reference considered, whether or not citation is in conformance with MPEP 609: Draw a line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant.

FORM PTO-1449
(REV. 7-85)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

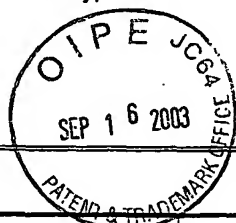
INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Sheet 2 of 2

ATTY. DOCKET NO.
100-8345/A/CONT
APPLICATION NO.
09/271,672
APPLICANT
FUENFSCHILLING ET AL.
FILING DATE
MARCH 18, 1999

Group
1611



U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	AA	3,244,592	4/1/66	Aral	167	65	
	AB	5,382,655	1/1/95	Szanya et al.	530	317	
	AC	5,591,438	1/1/97	Olson et al.	424	195.1	
	AD	5,256,547	10/93	Rudat et al.	435	71.1	
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	OFFICE	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AM						<input type="checkbox"/>	<input type="checkbox"/>
	AN						<input type="checkbox"/>	<input type="checkbox"/>
	AO						<input type="checkbox"/>	<input type="checkbox"/>
	AP						<input type="checkbox"/>	<input type="checkbox"/>
	AQ						<input type="checkbox"/>	<input type="checkbox"/>

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

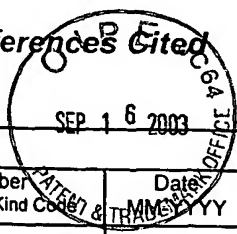
	AR	Vogel, Text book of Practical Organic Chem., Longman, 4th Edition, 1978, (pp. 211,217, 219, 220) from Experimental Techniques
	AS	
	AT	

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial of reference considered, whether or not citation is in conformance with MPEP 609: Draw a line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant.

Notic of References Cited



Application/Control No.

09/652,295

Applicant(s)/Patent Under Reexamination
FUENFSCHILLING ET AL.

Examiner

Thomas McKenzie Ph.D.

Art Unit

1624

Page 1 of 1

U.S. PATENT DOCUMENTS

*	Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
A	US-			
B	US-			
C	US-			
D	US-			
E	US-			
F	US-			
G	US-			
H	US-			
I	US-			
J	US-			
K	US-			
L	US-			
M	US-			

FOREIGN PATENT DOCUMENTS

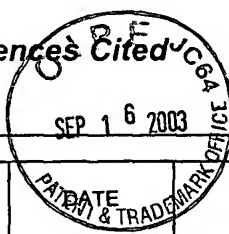
*	Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
pr	N 96/12031 A1	04-1996	WO	Kim et al	
pr	O 95/32726 A1	12-1995	WO	Kim et al	
	P				
	Q				
	R				
	S				
	T				

NON-PATENT DOCUMENTS

*	Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
U	
V	
W	
X	

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

Notice of References Cited



Application/Control No.

09/652,295

Examiner

Steven M. Reid

Applicant(s)/Patent Under Reexamination
FUENFSCHILLING ET AL.

Art Unit

1624

Page 1 of 1

U.S. PATENT DOCUMENTS

*		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	DOCUMENT SOURCE **	
							APS	OTHER
<input checked="" type="checkbox"/>	A	5,595,661	Jan. 1997	Li et al	210	634	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	B	4,803,016	Feb. 1989	Binderman et al	260	403	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	C						<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	D						<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	E						<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	F						<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	G						<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	H						<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	I						<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	J						<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	K						<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	L						<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	M						<input type="checkbox"/>	<input type="checkbox"/>

FOREIGN PATENT DOCUMENTS

*		DOCUMENT NO.	DATE	COUNTRY	NAME	CLASS	SUBCLASS	DOCUMENT SOURCE **	
								APS	OTHER
<input type="checkbox"/>	N							<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	O							<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	P							<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	Q							<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	R							<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	S							<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	T							<input type="checkbox"/>	<input type="checkbox"/>

NON-PATENT DOCUMENTS

*		DOCUMENT (Including Author, Title Date, Source, and Pertinent Pages)	DOCUMENT SOURCE **	
			APS	OTHER
<input type="checkbox"/>	U		<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	V		<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	W		<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	X		<input type="checkbox"/>	<input type="checkbox"/>

*A copy of this reference is not being furnished with this Office action. (See Manual of Patent Examining Procedure, Section 707.05(a).)

**APS encompasses any electronic search i.e. text, image, and Commercial Databases.

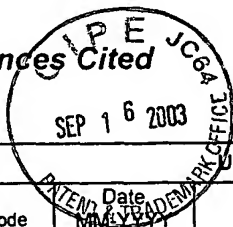
U.S. Patent and Trademark Office

PTO-892 (Rev. 03-98)

Notice of References Cited

Part of Paper No. 3

Notice of References Cited



Application/Control No.

09/652,295

Applicant(s)/Patent Under
Reexamination
FUENFSCHILLING ET AL.

Examiner

Steven M. Reid

Art Unit

1624

Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification	
	A	US- -				
	B	US- -				
	C	US- -				
	D	US- -				
	E	US- -				
	F	US- -				
	G	US- -				
	H	US- -				
	I	US- -				
	J	US- -				
	K	US- -				
	L	US- -				
	M	US- -				

FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification	
	N	EP-652 219-A1	11-1993	Europe	Gletsos	--	--
	O	- -					
	P	- -					
	Q	- -					
	R	- -					
	S	- -					
	T	- -					

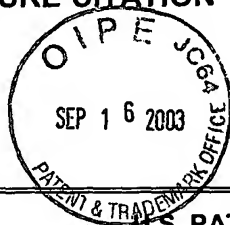
NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	
	V	
	W	
	X	

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

ATTY. DOCKET NO.
100-8345D
APPLICATION NO.
10/021,117
APPLICANT
FUENFSCHILLING ET AL.
FILING DATE
OCTOBER 29, 2001

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	AA	3,527,750	9/8/70	Karr			
	AB	3,573,275	3/30/71	Maehr et al			
	AC	4,081,354	3/28/78	Christman			
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	OFFICE	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AM	1 223 902	3/3/71	UK			<input type="checkbox"/>	<input type="checkbox"/>
	AN	1 223 903	3/3/71	UK			<input type="checkbox"/>	<input type="checkbox"/>
	AO	1 356 056	6/12/74	UK			<input type="checkbox"/>	<input type="checkbox"/>
	AP	1 521 457	8/16/78	UK			<input type="checkbox"/>	<input type="checkbox"/>
	AQ	2 215 631	9/27/89	UK			<input type="checkbox"/>	<input type="checkbox"/>

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

	AR	Prochazka, et al., Chem. Engineer. Science, Vol. 31, pp. 179-186 (1976).
	AS	Lo and Baird, Encyc of Chem. Tech., 4 th ed., Vol. 10, pp. 125-180, J. Wiley & Sons, 1979
	AT	

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial of reference considered, whether or not citation is in conformance with MPEP 609: Draw a line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant.

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)



ATTY. DOCKET NO.

100-8345D

APPLICATION NO.

10/021,117

APPLICANT

FUENFSCHILLING ET AL.

FILING DATE

OCTOBER 29, 2001

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	OFFICE	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AA	WO 95/06059	3/2/95	PCT			<input type="checkbox"/>	<input type="checkbox"/>
	AB	WO 95/11295	4/27/95	PCT			<input type="checkbox"/>	<input type="checkbox"/>
	AC	2,108,655	4/19/95	CA (abstr.)			<input type="checkbox"/>	<input type="checkbox"/>
	AD	633 826	12/31/82	CH (abstr)			<input type="checkbox"/>	<input checked="" type="checkbox"/>
	AE	295 871	11/14/91	DD (+abstr)			<input type="checkbox"/>	<input checked="" type="checkbox"/>
	AF	295 872	11/14/91	DD (+abstr)			<input type="checkbox"/>	<input checked="" type="checkbox"/>
	AG	295 873	11/14/91	DD (+abstr)			<input type="checkbox"/>	<input checked="" type="checkbox"/>
	AH	298 276	2/13/92	DD (+abstr)			<input type="checkbox"/>	<input checked="" type="checkbox"/>
	AI	298 427	2/20/92	DD (+abstr)			<input type="checkbox"/>	<input checked="" type="checkbox"/>
	AJ	641,861	3/8/95	EP			<input type="checkbox"/>	<input type="checkbox"/>
	AK						<input type="checkbox"/>	<input type="checkbox"/>
	AL						<input type="checkbox"/>	<input type="checkbox"/>
	AM						<input type="checkbox"/>	<input type="checkbox"/>
	AN						<input type="checkbox"/>	<input type="checkbox"/>
	AO						<input type="checkbox"/>	<input type="checkbox"/>
	AP						<input type="checkbox"/>	<input type="checkbox"/>
	AQ						<input type="checkbox"/>	<input type="checkbox"/>
	AR						<input type="checkbox"/>	<input type="checkbox"/>
	AS						<input type="checkbox"/>	<input type="checkbox"/>
	AT						<input type="checkbox"/>	<input type="checkbox"/>
	AU						<input type="checkbox"/>	<input type="checkbox"/>
	AV						<input type="checkbox"/>	<input type="checkbox"/>
	AW						<input type="checkbox"/>	<input type="checkbox"/>
	AX						<input type="checkbox"/>	<input type="checkbox"/>
	AY						<input type="checkbox"/>	<input type="checkbox"/>
	AZ						<input type="checkbox"/>	<input type="checkbox"/>

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial of reference considered, whether or not citation is in conformance with MPEP 609: Draw a line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant.